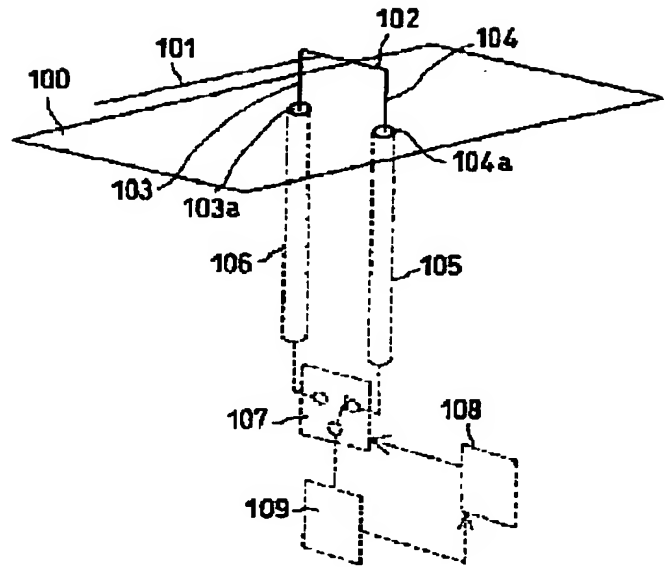


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APPLICANT : TOSHIBA CORP;
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TITLE : LOW ATTITUDE ANTENNA



ABSTRACT : PROBLEM TO BE SOLVED: To provide a miniaturized low-attitude antenna which can expand an operating band.

SOLUTION: This antenna is composed of 1st and 2nd linear elements 103 and 104, vertically connecting their terminal parts to a ground conductor board 100, 3rd linear element 102 respectively connecting its terminal part to these two linear elements, and a 4th linear element 101 connecting the terminal part to the linear element 102. In this case, the linear element 103 is connected with a feeder line 106 at a node 103a and similarly, the linear element 104 is connected with a feeder line 105 at a function 104a. The respective feeder lines 105 and 106 are connected to a high-frequency switch 107 for connecting a radio circuit 109 and the feeder lines, and corresponding to the frequency to be received, the operating frequency band is switched by this high-frequency switch 107.

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